

John L. Swearingen
ENGINEERING PROGRAM MANAGER
WORLD TRADE CENTER

Sam M. Pearson
CHIEF ELECTRICAL ENGINEER

Title
TOWER ONE AND TWO
LOW VOLTAGE
SUBSTATIONS
CONSTRUCTION AND
INSTALLATION

No.	Date	Revision	Approved
<p>This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Fort. Authority and may not be used without its written consent.</p>			
ROYZMAN FISCHER		ROYZMAN	AS
Designed by	Drawn by	Checked by	
Date 5-1-85		Scale AS NOTED	
Contract Number		Drawing Number	
WTC 802.071		E-81	

PA-SHT REV 5

The diagram shows a three-stage counter with three inputs: $12'-3'$, $11'-8'$, and $11'-2'$. The outputs are labeled $L7$, $L1$, and 82 . The outputs are connected to a common bus R . The outputs are shown in three stages: $L7$, $L1$, and 82 .

11'-0" A.F.F.

EXIST. PB

EXIST. ATS-7SEL

B-2-TEMP.

L-7-TEMP.

L-1-TEMP.

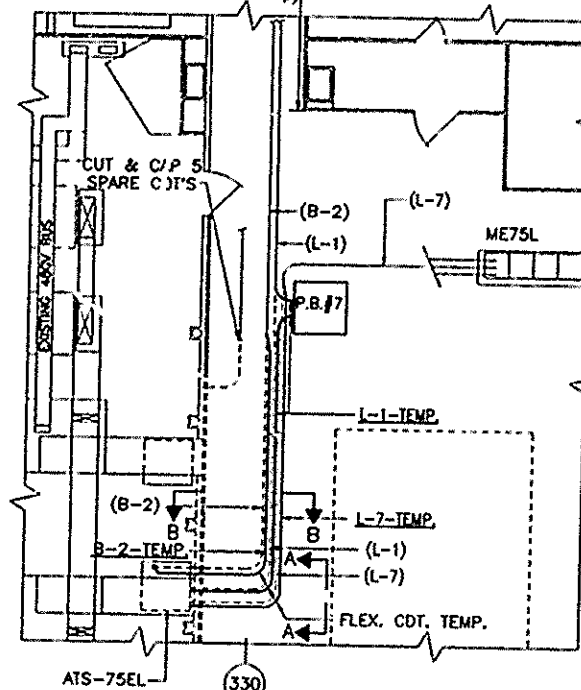
(B-2) (L-1)

(L-7)

SWGR. WITH BUSDUCT TO BE INSTALLED IN STAGE II

Detailed description: This is a cross-sectional diagram of a building's exterior wall and roof assembly. A horizontal line on the left indicates an elevation of 11'-0" A.F.F. The wall consists of several layers: an exterior finish (hatched), insulation (cross-hatched), and structural elements. An existing pipe (PB) is shown passing through the wall. An existing ATS-7SEL unit is located below the wall. A new bus duct system is being installed, consisting of a main section (B-2) and two temporary sections (L-1 and L-7). The diagram shows the bus duct passing through the wall and roof, with a note indicating that a swing gate (SWGR.) with busduct will be installed in Stage II.

SECTION A-A
NOT TO SCALE

[illegible]

ONE LINE DIAGRAM

HVAC UNITS AND RELOCATED FEEDERS

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF THE CONTRACT AT \$2,071 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 6/21/95 Sultan A. Aslam
SPEC. WRITER

DATE 8/16/95 Peter K. Khemmer
ENGINEER OF DESIGN

DIAGRAM "A"
RELOCATION OF FDR'S B-2 & L-1

